

*Protecting Our Water Environment*



*Metropolitan Water Reclamation District of Greater Chicago*

***MONITORING AND RESEARCH  
DEPARTMENT***

***REPORT NO. 25-18***

***HANOVER PARK WATER RECLAMATION PLANT***

***FISCHER FARM MONITORING REPORT***

***FOR FIRST QUARTER 2025:***

***SPECIAL CONDITION 5***

***May 2025***



**Metropolitan Water Reclamation District of Greater Chicago**

CECIL LUE-HING RESEARCH AND DEVELOPMENT COMPLEX  
6001 WEST PERSHING ROAD CICERO, ILLINOIS 60804-4112

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April 21, 2025

Mr. Caleb Ruyle  
Illinois Environmental Protection Agency  
Bureau of Water  
DWPC Compliance Section #19  
2520 W. Iles Ave.  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Dear Mr. Ruyle:

Subject: Hanover Park Water Reclamation Plant - Illinois Environmental Protection Agency  
Permit No. 2022-SC-66896, Special Condition 5 Monitoring Report for January,  
February, and March 2025

The attached table contains the monitoring data for the Hanover Park Water Reclamation Plant (WRP) Fischer Farm site for January, February, and March 2025, as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2022-SC-66896, Special Condition 5.

Drainage water (combined surface and subsurface) returned to the Hanover Park WRP from the farm fields was sampled in January, February, and March 2025, and data for these samples are presented in [Table 1](#). The volumes of drainage water returned to the WRP during the first quarter were estimated as 8.2, 1.5, and 7.4 million gallons in January, February, and March, respectively.

The data reported are as follows:

[Table 1](#) Analysis of Combined Surface and Subsurface Drainage from the Fischer Farm Site Returned to the Hanover Park Water Reclamation Plant During January, February, and March 2025.

[Figure 1](#) Map of Fields and Wells at the Hanover Park Fischer Farm Site of the Metropolitan Water Reclamation District of Greater Chicago.

Very truly yours,

Albert E. Cox, Ph.D.  
Environmental Monitoring and Research Manager  
Monitoring and Research Department

AC:lf

Attachment

cc: Mr. T. Bennett, IEPA  
Mr. B. Fleming, IEPA  
Mr. K. Middleton, USEPA, Region 5  
Mr. J. Chavich/Mr. B. Kaunelis  
Mr. P. Desai/Dr. H. Zhang

**Metropolitan Water Reclamation District of Greater Chicago**  
100 East Erie Street Chicago, Illinois 60611-2803 (312) 751-5600

**HANOVER PARK WATER RECLAMATION PLANT  
FISCHER FARM MONITORING REPORT  
FOR FIRST QUARTER 2025:  
SPECIAL CONDITION 5**

**By**

**Benjamin Morgan  
Environmental Soil Scientist**

**Albert Cox  
Environmental Monitoring and Research Manager**

TABLE 1: ANALYSIS OF COMBINED SURFACE AND SUBSURFACE DRAINAGE FROM THE FISCHER FARM SITE RETURNED TO THE HANOVER PARK WATER RECLAMATION PLANT DURING JANUARY, FEBRUARY, AND MARCH 2025

Date	Sump	NH <sub>3</sub> -N	TSS <sup>1</sup>	BOD <sub>5</sub>
-----mg L <sup>-1</sup> -----				
01/07/25	East	7.79	NDR <sup>2</sup>	<2
01/07/25	West	2.77	NDR	6
01/10/25	East	18.5	2	8
01/10/25	West	0.33	6	3
01/22/25	East	5.30	19	13
01/22/25	West	5.10	16	9
02/04/25	East	3.37	10	6
02/04/25	West	0.73	3	3
02/25/25	East	8.86	55	NRR <sup>3</sup>
02/25/25	West	4.15	21	NRR
03/04/25	East	23.8	3	<2
03/04/25	West	1.87	2	<2
03/18/25	East	7.11	5	NRR
03/18/25	West	<0.30	<2	NRR
03/25/25	East	5.87	10	8 <sup>4</sup>
03/25/25	West	<0.30	<2	<2 <sup>4</sup>

<sup>1</sup>Total suspended solids.

<sup>2</sup>No data reportable. Laboratory quality assurance/quality control failed, and samples could not be reanalyzed due to inadequate sample volume remaining.

<sup>3</sup>No reportable results. Laboratory quality assurance/quality control failed, and samples could not be reanalyzed due to holding time requirement.

<sup>4</sup>Resampled on April 1, 2025. No results were reportable for samples collected on March 25, 2025, due to laboratory quality assurance/quality control failure, and those samples could not be reanalyzed due to holding time requirement.

FIGURE 1: MAP OF FIELDS AND WELLS AT THE HANOVER PARK FISCHER FARM SITE OF THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

